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Page **1** of **54****Complete If Known**

Application Number	10/601,036
Filing Date	06/19/2003
First Named Inventor	Wood, Kenneth W., et. al.
Art Unit	
Examiner Name	
Attorney Docket Number	020552-003330US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CJ ↓	A1	US-6,207,403	03-27-2001	Goldstein et al.	
	A2	US-6,410,254	06-25-2002	Finer et al.	
	A3	US-6,414,121 B1	07-02-2002	Wood et al.	
	A4	US-6,437,115 B1	08-20-2002	Wood et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
CJ ↓	B1	PCT	WO 95/18857		07/13/1995			<input type="checkbox"/>
	B2	PCT	WO 99/34806		07/15/1999			<input type="checkbox"/>
	B3	PCT	WO 00/07017		02/10/2000			<input type="checkbox"/>
	B4	PCT	WO 00/63353		10/26/2000			<input type="checkbox"/>
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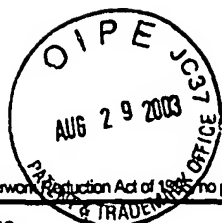
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CP	C1	BARTON "Protein Alignment and Database Scanning", <u>Protein Structure Prediction, A Practical Approach</u> , 1996, pp. 31-63, IRL Press at Oxford University Press, Oxford, UK.	
	C2	BLANGY et al. "Phosphorylation by p34cdc2 protein kinase regulates binding of the kinesin-related motor HsEg5 to the dynactin subunit p150", <i>Journal of Biol. Chem.</i> , 1997, pp. 19418-19424, Vol. 272.	
	C3	BLANGY et al. "Rigor-type mutation in the kinesin-related protein HsEg5 changes its subcellular localization and induces microtubule bundling", <i>Cell Motil Cytoskeleton</i> , 1998, pp. 174-182, Vol. 40.	
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	C10	GAGLIO et al. "Opposing motor activities are required for the organization of the mammalian mitotic spindle pole", <i>Journal of Cell. Biology</i> , 1996, pp. 399-414, Vol. 135.	
	C11	GEIT et al. "The <i>Xenopus laevis</i> aurora-related protein kinase pEg2 associates with and phosphorylates the kinesin-related protein XIg5", <i>J. Biol. Chem.</i> , 1999, pp. 15005-15013, Vol. 274.	
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CP	C14	HACKNEY "The rate-limiting step in microtubule-stimulated ATP hydrolysis by dimeric kinesin head domains occurs while bound to the microtubule", <i>J. Biol. Chem.</i> , 1994, pp. 16508-16511, Vol. 269.	
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	C16	HOPKINS, SETH C. et al. "Inhibitors of Kinesin Activity from Structure-Based Computer Screening", <i>Biochemistry</i> , February 18, 2000; pp. 2805-2814, Vol. 39.	
	C17	HOYT et al. "Two <i>S. cerevisiae</i> kinesin-related gene products required for mitotic spindle assembly", <i>Journal of Cell. Biology</i> , 1992, pp. 109-120, Vol. 118.	
	C18	INOUE, YUICHI, et al; Movements of truncated kinesin fragments with a short or an artificial flexible neck; <i>Proc Natl. Acad. Sci. USA</i> ; July 1997; pp. 7275-7280; Volume 94	
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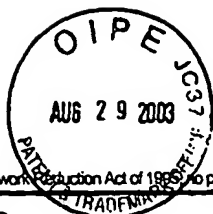
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CL	C27	MAYER, THOMAS U. et al. "Inhibitor of Mitotic Spindle Bipolarity Identified in a Phenotype-Based Screen", <i>Science</i> , October 26, 1999; pp. 971-974, Vol. 286.	
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	C37	WHITEHEAD et al. "Expanding the role of HsEg5 within the mitotic and post-mitotic phases of the cell cycle", <i>Journal of Cell. Science</i> , 1998, pp. 2551-2561, Vol. 111.	
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✓	C39	WHITEHEAD et al., GenBank Accession Number U37426, versions 1151084 and 1171152, 1995.	

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